AMENDMENTS TO THE SPECIFICATION:

On page 1, after the title and before the first paragraph of the specification, please insert the following new headings on two new separate lines:

BACKGROUND

1. Technical Field

Please insert the following new heading on page 1, line 8:

2. Related Art

Please replace the paragraph beginning on page 1, line 17 with the following amended paragraph:

It is known in many prior art real world ~~system~~ systems, such as, for example, car navigation systems, for a route to be determined by a user entering a start point and a destination point, and for the navigation system to dictate directions for the user to follow which constrain the user to following a predetermined path from the start to the destination. If, however, the user wishes to leave the predetermined path, for example, to perform a detour, the navigational system will attempt to redirect the user back towards the destination. Usually, the navigational system will seek out the closest point along the original route for the user to return to, and the user will then resume their original path.

Please delete the heading ("PRIOR ART") on page 2, line 31 in its entirety.

Please insert the following new heading on page 4, line 20:

SUMMARY

Please replace the paragraph beginning on page 4, line 21 with the following amended paragraph:

The ~~invention~~ exemplary embodiment seeks to obviate and/or mitigate the limitations of known navigational systems which provide means to toggle between automated and manual navigation modes. The navigational toggle system according to the invention is implemented in a system comprising a dynamically varying topology of nodal points, where a guided path may be generated dynamically. As the position of the nodes in the environment and the network of potential links between nodes of the environment is not predetermined, the user is provided with more freedom to toggle between automated and manual navigation modes.

Please delete the heading ("SUMMARY OF THE INVENTION") on page 4, line 29 in its entirety.

Please replace the paragraph beginning on page 4, line 31 with the following amended paragraph:

~~The aspects~~ Exemplary aspects of the invention are as described by the accompanying independent claims whose dependent claims represent preferred features of the invention.

Please replace the paragraph beginning on page 4, line 37 and continuing to page 5, line 7, with the following amended paragraph:

In the navigation system according to the ~~invention~~ exemplary embodiment, the position of navigational points of the network is not predetermined. Moreover, the navigational paths are which are generated within the topology are not confined to a predetermined configuration. Thus when a user toggles from an automated navigational mode to move away from a predetermined

guided path the topology, the nodal points of the topology may be redefined according to the user's change of position. Moreover, when the user wishes to resume an automated path and toggles back from a manual navigation mode to a navigational mode in which the user is automatically navigated along a guided path, the navigational nodes which exists within the network at the point when they left the first guided path may have been redefined.

Please replace the paragraph beginning on page 6, line 6 with the following amended paragraph:

This ~~invention~~ exemplary embodiment is applicable to any type of virtual world, which might include for example fantasy worlds or worlds based upon a real environment such as a historic building or design for a future building, or a house that is for sale, and in which the obstructions might comprise walls or other obstacles. The representation in the sense used above is likely to refer to stored digital data that represents such a world.

Please replace the paragraph beginning on page 6, line 12 with the following amended paragraph:

Advantageously, the arrangements of the ~~invention~~ exemplary embodiment employ a technique which allows a content provider to define some initial points for navigation in a virtual world, allowing the content provider to influence the routes taken and the items of interest that can be visited by a user. The system then automatically multiplies the number of points in a manner which will improve the user's experience along the subsequently generated path through the environment compared with only a limited set of originally defined navigation points.

Please replace the paragraph beginning on page 6, line 19 with the following amended paragraph:

In comparison with previously known systems in which a path through a virtual world is not constrained to specific navigation points, the exemplary embodiments of the invention provide improved processing during the actual pathfinding procedure. This is because no collision detection (ensuring the path avoids obstacles, etc) is required during pathfinding in the embodiments since all the new navigable nodes and links have been added on line of sight principles, and therefore by definition already avoid all the potential obstacles.

Please change the heading on page 7, line 32 to read:

DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS OF THE INVENTION

Please replace the paragraph beginning on page 7, line 37 and continuing to page 8, line 1 with the following amended paragraph:

The ~~invention~~ exemplary embodiment enables a path to be generated which includes nodal information derived from a first, previous path. One navigational system which enables the first path to be generated will now be described with reference to FIGS. 1 to 13 of the accompanying drawings.

Before the listing of the claims, at the top of page 26 of the specification, please delete the word "CLAIMS" and insert therefore --WHAT IS CLAIMED IS:--